

PLATE 1
EXPLANATION
Geologic Units

Geology of the Highway 1 corridor between
Point Lobos and San Carpoforo Creek,
Monterey and San Luis Obispo Counties,
California

prepared for the
COAST HIGHWAY MANAGEMENT PLAN

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Location Information

The geologic map is divided into 14 map pages
as shown at left, arranged from south to north.
Postmiles are shown along Highway One as at right;
each mile is labeled and tenths shown by unlabeled circles.



Quaternary

Tertiary

Mesozoic

Paleozoic?

Quaternary	Holocene	af	Artificial Fill
		Qal	Alluvium
		Qb	Beach deposit
		Qc	Colluvium
		Qdf	Youngest (active) debris fans
		Qd	Dune deposits
		Qls	Landslide deposits
		Qydf	Young debris fans
		Qodf	Older Debris fan
		Qoa	Older Alluvium
		Qod	Older dune deposits
	Pleistocene	Qom	Marine terrace deposit, undifferentiated
		Qom2	Youngest marine terrace deposits
		Qom1	Oldest marine terrace deposit
		Qfb	Fault breccia
		Qvoa	Very old alluvium
		Tmpe	Pismo Fm. Edna member
Tertiary	Pleistocene	Tmpm	Pismo Fm. Miguelito member
		Tmr	Rincon Fm.
		Tm	Monterey Fm.
		Tss, Tus	Miocene marine sandstone of Clark and others
	Miocene	Tv, Tvb	Miocene volcanic rocks of Clark and others
		Tmv	Vaqueros Fm.
		Tc	Carmelo Fm.
		Ks, Ku	Cretaceous sandstone & shale
	Paleocene	Kush	Cretaceous shale
		Kuss	Cretaceous sandstone
		Kucg	Cretaceous conglomerate
		Kpgd	Porphyritic granodiorite
		KMgdc	Granodiorite of Cachagua
		KMdsp	Hornblende-biotite quartz diorite
		KMct	Charnockitic Tonalite
		KMt	Charnockitic tonalite equivalent?
		KJf	Franciscan complex (undifferentiated)
		KJfgw	Franciscan graywacke
Mesozoic	Cretaceous	KJfmv	Franciscan meta-volcanic
		KJfc	Franciscan chert
		KJfgs	Franciscan greenschist
		KJfmg	Franciscan altered gabbro
		KJfsh	Franciscan shale
		KJfcg	Franciscan conglomerate
		KJfsc	Franciscan silica carbonate rocks
		KJfbs	Franciscan Blueschist
	Jurassic-Cretaceous	s	Serpentinite
		Ps	Sur complex undifferentiated
		Pm	Sur complex marble
		Ps-q	Sur complex quartz dike
Paleozoic?	Paleozoic?		

Geologic structure symbols

	Fault, well located
	Fault, approximately located
	Fault, concealed
	Fault, uncertain
	Fault, offshore
	Anticline, approximately located
	Anticline, concealed
	Overturned anticline, approximately located
	Syncline, approximately located
	Syncline, concealed
	Overturned syncline, approximately located
	Thrust fault, well located
	Thrust fault, approximately located
	Thrust fault, concealed
	Fault, Inclined
	Fault, Vertical
	Inclined Beds
	Inclined Beds, Approximately Located
	Vertical Beds
	Overturned Beds
	Irregular Bedding
	Inclined Foliation/Beds
	Inclined Foliation
	Vertical Foliation
	Deformed Foliation
	Inclined Joint